

H-class RH100 storage system

Unified IP storage system with comprehensive software and 10 Gigabit Ethernet upgradeability



Key Features

- Unified iSCSI SAN and NAS system
- Up to 60 TB using SATA, SAS, and SSD
- Quad Gigabit Ethernet ports, ready for 10 GbE
- 4 GB of dedicated policy-based cache
- Supports 4 Nimbus SM120 expansion modules
- Cut storage costs by 60% through consolidation
- Perfect for small/midsize storage consolidation
- Simple installation and setup in 20 minutes
- Enterprise-grade HALO Storage OS
- Comprehensive data protection

Unified SAN + NAS Tiered Storage Armed for the Long-term

The RH100 brings the powerful tiered storage features, unified iSCSI, NFS, and CIFS support, and advanced data protection software of Nimbus H-class storage systems within reach for any size enterprise. The RH100 provides all of the same great features of the H-class series using quad Gigabit Ethernet connectivity, upgradeable to 10 Gigabit Ethernet, and dual SAS expansion links. Scalable to 60 drives using any blend of SATA, SAS, and SSD drives, the RH100 offers the full benefits of Nimbus' FlexScale technology and powerful HALO storage operating system. An all-inclusive software license provides enterprise-class data protection including snapshots, volume clones, synchronous mirroring, and asynchronous replication with the simplicity of an appliance. With a clear upgrade path to 10 Gigabit Ethernet, the RH100 is a wise long-term investment for organizations looking for affordable unified storage for Windows and Linux server consolidation.

Nimbus H-class RH100 Specifications

Connectivity	Network Ports Storage Expansion Ports Management Port Datamover Port	4 x Gigabit Ethernet (RJ-45), upgradeable to 10 Gigabit Ethernet 2 x 12 Gbps SAS (SFF-8088) 1 x Gigabit Ethernet (RJ-45) 1 x Gigabit Ethernet (RJ-45)
Storage	Built-in Drives Maximum Expansion Modules Maximum Drives Maximum Capacity	12 hot-swap SATA, SAS, or SSD drives 4 x Nimbus SM120's 60 60 TB SATA, 27 TB SAS, or 7.7 TB SSD
System	Software Internal Bandwidth Processor Cores Dedicated Cache Redundant Components	Nimbus HALO storage operating system 60 Gbps 4 4 GB Power supplies, fans, and GbE controllers
Platform Support	Operating System Support Virtualization Support	Windows Server 2003/2008, Windows Vista, Linux, Solaris, HP/UX, Netware, AIX VMware ESX Server, Citrix XenServer, Microsoft Hyper-V, Virtual Iron
Efficiency	HDD Storage SSD Storage Density	As low as 19 W per managed TB As low as 8 W per managed TB Up to 6 TB per rack U
Dimensions	Height Width Depth Weight (maximum)	2 EIA Units (3.46 in or 87.9 mm) 17.6 in or 447 mm 27.83 in or 706.9 mm 68.2 lbs or 31 kg
Power	Voltage Frequency Electrostatic Discharge	100 - 240 VAC 48 - 62 Hz 15 KV per test specification
Environmental	Ambient Temperature Relative Humidity Altitude Acoustics	Operating: 5 to 35 °C, Non-operating: 1 to 50 °C Operating: 10% to 80% non-condensing Operating: 0 to 2,133 m, Non-operating: -305 to 12,192 m < 7.0 BA in idle state at 23 °C ambient temperature
Shock & Vibration	Operational Shock Operational Vibration Non-operational Shock Non-operational Vibration	5G for 10ms Random 0.21 grms 5-500 Hz 30G for 10ms Random 1.04 grms 2-200 Hz
Agency Approvals		UL and cUL listed. Tested to UL 60950. FCC Class A. Certified Body Certificate and Report to IEC60950. CE marked to requirements of Low Voltage Directive 73/23/EEC and Electromagnetic Compatibility Directive 89/336/EEC.
Warranty & Support		Bronze, Silver, and Gold support plans are available. All support plans include a free software subscription (maintenance releases and new features).

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